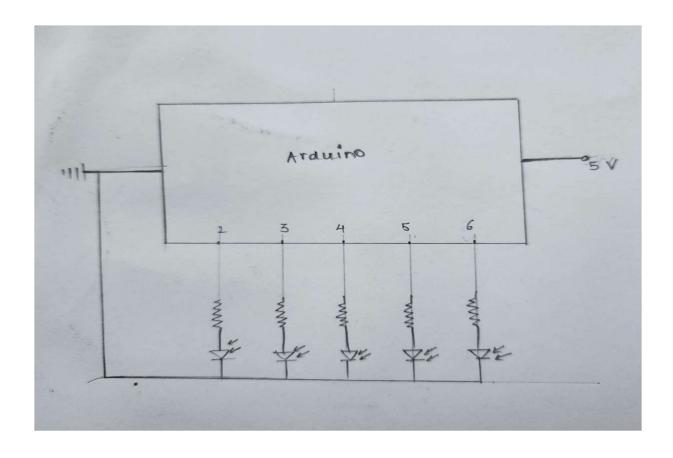
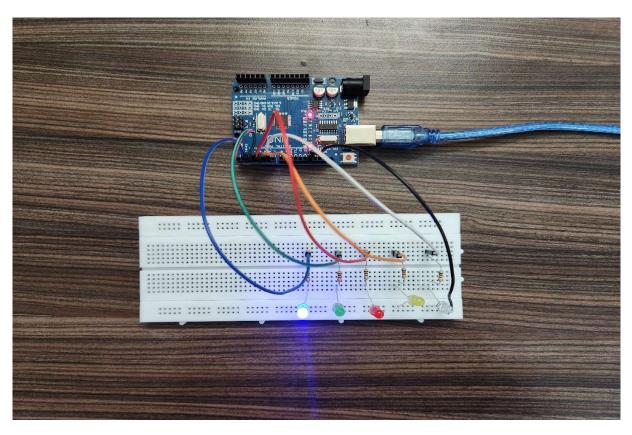
```
/*
Experiment No.: 08
Statement
             :
                  Turn ON/OFF five LEDs individually via
serial monitor window.
Date of Exp. : xx/xx/xxxx
Author
        : Mansi Mandhane (A-24)
* /
//Define an array to store the pin numbers for LEDs
//const int ledPins[] = (2,3, 4, 5, 6);
void setup(){
for (int i = 2; i \le 6; i++) { // Loop through pins 2 to 6 and
set them as OUTPUT
pinMode(i, OUTPUT);
}
Serial.begin(9600); // Initialize serial communication at a baud
rate of 9600
}
void loop() {
if(Serial.available()>0){      // Check if there's data available
in the serial buffer
char key=Serial.read();    // Read a character from the serial
buffer
if(key=='0')
                  // Check the received character and control
corresponding LEDs
digitalWrite(2,HIGH);
else if(key=='1')
```

```
digitalWrite(2,LOW);
else if(key=='2')
digitalWrite(3,HIGH);
else if(key=='3')
digitalWrite(3,LOW);
else if(key=='4')
digitalWrite(4,HIGH);
else if(key=='5')
digitalWrite(4,LOW);
else if(key=='6')
digitalWrite(5,HIGH);
else if(key=='7')
digitalWrite(5,LOW);
else if(key=='8')
digitalWrite(6,HIGH);
else if(key=='9')
digitalWrite(6,LOW);
}
}
```





2023-24 ENP361-1 Experiment xx